

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	216	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/03/15 20:23
S2	24319	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/03/15 20:24
S3	487	(358/3.06).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/03/17 17:51
S4	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/03/16 16:20
S5	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/15 20:36
S6	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/15 20:36
S7	4	((("6525845") or ("5884296") or ("4194221") or ("5892592")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/15 20:36
S8	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/03/16 16:21

S9	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:46
S10	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/16 18:47
S11	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/16 18:47
S12	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/16 18:47
S13	28	S10 S11 S12	US-PGPUB; USPAT	OR	ON	2007/03/16 18:47
S14	2	S13 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/03/16 18:54
S15	4	S13 and (spatial near1 (characteristic variant variance))	US-PGPUB; USPAT	OR	ON	2007/03/16 18:54

S16	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 18:57
S17	5	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 19:45
S18	13	("4958217"   "5020004"   "5481741"   "5644740"   "5704021"   "5784059"). PN. OR ("6008812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:42
S19	5	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 20:57
S20	121159	(detect\$4 regconi\$6 analy \$5 observ\$5 examin\$5 identif\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:30
S21	208	photo\$1graph\$3 and (litho \$1graph\$3 (offset adj1 print\$3)) and (ink\$1jet) and (xero\$1graph\$3)	US-PGPUB; USPAT	OR	ON	2007/03/16 21:31
S22	65	S20 and S21	US-PGPUB; USPAT	OR	ON	2007/03/16 21:05
S23	1371571	(dispers\$3 aperiodic\$4 irregular\$5 random\$3)	US-PGPUB; USPAT	OR	ON	2007/03/16 21:06
S24	3597107	(cluster\$3 periodic\$5 order \$3 regular\$3)	US-PGPUB; USPAT	OR	ON	2007/03/16 21:07
S25	1119741	S23 and S24	US-PGPUB; USPAT	OR	ON	2007/03/16 21:08
S26	48	S22 and S25	US-PGPUB; USPAT	OR	ON	2007/03/16 21:08
S27	285494	S23 same S24	US-PGPUB; USPAT	OR	ON	2007/03/16 21:08
S28	38	S27 and S22	US-PGPUB; USPAT	OR	ON	2007/03/16 21:08
S29	4281931	@ad< "20030630"	US-PGPUB; USPAT	OR	ON	2007/03/16 21:09

S30	35	S29 and S22	US-PGPUB; USPAT	OR	ON	2007/03/16 21:30
S31	19	("5137364"   "5272518"   "5450165"   "5481380"   "5668596"   "5671059"   "5739927"   "5748221"   "5754682"   "5793884"   "5838451"   "5844680"   "5963333"   "6020583"   "6047143"   "6147761"   "6157454"   "6249346"). PN. OR ("6750442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:27
S32	178986	(detect\$4 regconi\$6 analy \$5 observ\$5 examin\$5 identif\$7) near3 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:31
S33	134770	(detect\$4 regconi\$6 analy \$5 observ\$5 examin\$5 identif\$7) near2 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 21:31
S34	96	S33 and S21	US-PGPUB; USPAT	OR	ON	2007/03/16 21:31
S35	81	S34 and S23	US-PGPUB; USPAT	OR	ON	2007/03/16 21:31
S36	78	S35 and S24	US-PGPUB; USPAT	OR	ON	2007/03/16 21:31
S37	50	S36 and S29	US-PGPUB; USPAT	OR	ON	2007/03/16 21:36
S38	1230	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/03/16 21:38
S39	23	S38 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/03/16 21:38
S40	1	("6031618").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/17 14:18
S41	1	("20040264781").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/17 15:52
S42	1	("5481380").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/17 17:16
S43	2	(US-6031618-\$ or US- 6353675-\$).did.	USPAT	OR	ON	2007/03/17 17:44

S44	11	((("20040264768") or ("20040264769") or ("20040264770") or ("20040264771") or ("6525845") or ("6088095") or ("20030168582") or ("6008812") or ("5481380") or ("6069982") or ("6008812") or ("6791711")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/17 17:45
S45	1065	(358/ 448).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/03/17 17:51
S46	583	(358/ 401).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/03/17 17:51
S47	1230	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/03/17 17:52
S48	1	S45 and S47	US-PGPUB; USPAT	OR	ON	2007/03/17 17:52
S49	4	S46 and S47	US-PGPUB; USPAT	OR	ON	2007/03/17 17:52
S50	232	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S51	25206	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S52	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dm.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S53	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dm. and (S50 or S51)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S54	232	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S55	25206	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S56	522	(358/3.06).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S57	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dm.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43

S58	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S59	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S60	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S61	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S62	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095").PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43

S63	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S64	4	((("6525845") or ("5884296") or ("4194221") or ("5892592")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S65	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S66	28	S63 S64 S65	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S67	2	S66 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S68	4	S66 and (spatial near1 (characteristic variant variance))	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S69	5	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S70	15	("4958217"   "5020004"   "5481741"   "5644740"   "5704021"   "5784059").PN. OR ("6008812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43

S71	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S72	5	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S73	127487	(detect\$4 regooni\$6 analy\$5 observ\$5 examin\$5 identif\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:56
S74	218	photo\$1graph\$3 and (litho\$1graph\$3 (offset adj1 print\$3)) and (ink\$1jet) and (xero\$1graph\$3)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S75	1423498	(dispers\$3 aperiodic\$4 irregular\$5 random\$3)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S76	3715973	(cluster\$3 periodic\$5 order\$3 regular\$3)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S77	1164774	S75 and S76	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S78	67	S73 and S74	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S79	48	S78 and S77	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S80	140927	(detect\$4 regooni\$6 analy\$5 observ\$5 examin\$5 identif\$7) near2 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S81	105	S80 and S74	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S82	86	S81 and S75	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S83	82	S82 and S76	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S84	4297835	@ad< "20030630"	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S85	53	S83 and S84	US-PGPUB; USPAT	OR	ON	2007/07/15 16:51



S86	1290	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S87	26	S86 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S88	187080	(detect\$4 regconi\$6 analy \$5 observ\$5 examin\$5 identifi\$7) near3 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S89	296429	S75 same S76	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S90	38	S89 and S78	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S91	19	("5137364"   "5272518"   "5450165"   "5481380"   "5668596"   "5671059"   "5739927"   "5748221"   "5754682"   "5793884"   "5838451"   "5844680"   "5963333"   "6020583"   "6047143"   "6147761"   "6157454"   "6249346"). PN. OR ("6750442"). UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:43
S92	35	S84 and S78	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S93	1	("6031618"). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S94	1	("20040264781"). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S95	1	("5481380"). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S96	2	(US-6031618-\$ or US- 6353675-\$). did.	USPAT	OR	ON	2007/07/15 16:43
S97	11	((("20040264768") or ("20040264769") or ("20040264770") or ("20040264771") or ("6525845") or ("6088095") or ("20030168582") or ("6008812") or ("5481380") or ("6069982") or ("6008812") or ("6791711"))). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S98	1290	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43

S99	1123	(358/448).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S100	596	(358/401).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:43
S101	1	S99 and S98	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S102	4	S100 and S98	US-PGPUB; USPAT	OR	ON	2007/07/15 16:43
S103	92	(358/3.09).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:52
S104	90	(358/3.3).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:55
S105	454	(358/534).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 16:55
S106	0	S78 and S103	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:56
S107	0	S78 and S103	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:57
S108	0	S78 and S104	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:57
S109	0	S78 and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:57
S110	45	S73 and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:58
S111	6	S73 and S104	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:58
S112	14	S73 and S103	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/15 16:57
S113	241	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S114	25843	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S115	565	(358/3.06).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S116	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S117	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S118	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S119	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S120	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S121	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095").PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27

S122	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S123	4	((("6525845") or ("5884296") or ("4194221") or ("5892592")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S124	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S125	28	S122 S123 S124	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S126	2	S125 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S127	4	S125 and (spatial near1 (characteristic variant variance))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S128	6	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S129	15	("4958217"   "5020004"   "5481741"   "5644740"   "5704021"   "5784059").PN. OR ("6008812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27

S130	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S131	6	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S132	133171	(detect\$4 regoni\$6 analy\$5 observ\$5 examin\$5 identif\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S133	227	photo\$1graph\$3 and (litho\$1graph\$3 (offset adj1 print\$3)) and (ink\$1jet) and (xero\$1graph\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S134	1469791	(dispers\$3 aperiodic\$4 irregular\$5 random\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S135	3821806	(cluster\$3 periodic\$5 order\$3 regular\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S136	1205061	S134 and S135	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S137	71	S132 and S133	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S138	51	S137 and S136	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S139	146442	(detect\$4 regoni\$6 analy\$5 observ\$5 examin\$5 identif\$7) near2 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S140	111	S139 and S133	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S141	91	S140 and S134	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S142	86	S141 and S135	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S143	4309763	@ad<"20030630"	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S144	54	S142 and S143	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S145	1343	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S146	26	S145 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S147	194397	(detect\$4 regoconi\$6 anly \$5 observ\$5 examin\$5 identif\$7) near3 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S148	306395	S134 same S135	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S149	41	S148 and S137	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S150	19	("5137364"   "5272518"   "5450165"   "5481380"   "5668596"   "5671059"   "5739927"   "5748221"   "5754682"   "5793884"   "5838451"   "5844680"   "5963333"   "6020583"   "6047143"   "6147761"   "6157454"   "6249346"). PN. OR ("6750442"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S151	36	S143 and S137	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S152	1	("6031618").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S153	1	("20040264781").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S154	1	("5481380").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S155	2	(US-6031618-\$ or US- 6353675-\$).did.	USPAT	OR	ON	2007/10/30 12:27
S156	11	((("20040264768") or ("20040264769") or ("20040264770") or ("20040264771") or ("6525845") or ("6088095") or ("20030168582") or ("6008812") or ("5481380") or ("6069982") or ("6008812") or ("6791711"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S157	1343	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S158	1158	(358/448).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S159	605	(358/401).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S160	1	S158 and S157	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S161	4	S159 and S157	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S162	241	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S163	25843	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S164	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dlm.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S165	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dlm. and (S162 or S163)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S166	241	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)). in.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S167	133171	(detect\$4 regconi\$6 analy \$5 observ\$5 examin\$5 identif\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S168	25843	(xerox).as.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S169	565	(358/3.06).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S170	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S171	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27

S172	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S173	28	S172 S171 S170	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S174	227	photo\$1graph\$3 and (litho\$1graph\$3 (offset adj1 print\$3)) and (ink\$1jet) and (xero\$1graph\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S175	3821806	(cluster\$3 periodic\$5 order\$3 regular\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S176	1469791	(dispers\$3 aperiodic\$4 irregular\$5 random\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S177	1205061	S176 and S175	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S178	4309763	@ad<"20030630"	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S179	306395	S176 same S175	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S180	194397	(detect\$4 regconit\$6 analy\$5 observ\$5 examin\$5 identifi\$7) near3 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S181	1343	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S182	71	S167 and S174	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S183	41	S179 and S182	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S184	1343	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27



S185	1	("6031618").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S186	605	(358/401).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S187	1158	(358/448).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S188	1	S187 and S184	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S189	1	("20040264781").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S190	1	("5481380").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S191	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S192	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S193	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S194	4	((("6525845") or ("5884296") or ("4194221") or ("5892592")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S195	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S196	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S197	2	S173 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S198	4	S173 and (spatial near1 (characteristic variant variance))	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S199	26	S181 and (dispers\$3 and cluster\$3)	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S200	6	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S201	15	("4958217"   "5020004"   "5481741"   "5644740"   "5704021"   "5784059"). PN. OR ("6008812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S202	18	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S203	6	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S204	146442	(detect\$4 regconit\$6 analy \$5 observ\$5 examin\$5 identif\$7) near2 (media medium original document paper sheet)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S205	111	S204 and S174	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S206	91	S205 and S176	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S207	86	S206 and S175	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S208	54	S207 and S178	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S209	19	("5137364"   "5272518"   "5450165"   "5481380"   "5668596"   "5671059"   "5739927"   "5748221"   "5754682"   "5793884"   "5838451"   "5844680"   "5963333"   "6020583"   "6047143"   "6147761"   "6157454"   "6249346"). PN. OR ("6750442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S210	36	S178 and S182	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S211	2	(US-6031618-\$ or US- 6353675-\$).did.	USPAT	OR	ON	2007/10/30 12:27
S212	93	(358/3.09).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S213	0	S182 and S212	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S214	465	(358/534).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S215	0	S182 and S212	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S216	92	(358/3.3).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S217	0	S182 and S216	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S218	11	((("20040264768") or ("20040264769") or ("20040264770") or ("20040264771") or ("6525845") or ("6088095") or ("20030168582") or ("6008812") or ("5481380") or ("6069982") or ("6008812") or ("6791711")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/30 12:27
S219	4	S186 and S184	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27
S220	0	S182 and S214	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S221	51	S182 and S177	US-PGPUB; USPAT	OR	ON	2007/10/30 12:27

S222	14	S167 and S212	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S223	47	S167 and S214	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S224	6	S167 and S216	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 12:27
S225	1	(US-20040264781-\$).did.	US-PGPUB	OR	ON	2007/10/30 12:57
S226	1	S225 and (direct\$3)	US-PGPUB	OR	ON	2007/10/30 12:57
S227	7622	((spatial near1 variation) or (local near1 variation) or (half\$1ton\$3 near2 period\$5) or ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:46
S228	6686	((spatial near1 variation) and (local near1 variation) or (half\$1ton\$3 near2 period\$5) or ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:46
S229	0	((spatial near1 variation) and (local near1 variation) and (half\$1ton\$3 near2 period\$5) and ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:46
S230	6636	((spatial near1 variation) and (local near1 variation) and (half\$1ton\$3 near2 period\$5) or ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:46
S231	6636	((spatial near1 variation) and (local near1 variation) and (half\$1ton\$3 near2 period\$5) or ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:46
S232	0	((spatial near1 variation) and (local near1 variation) and (half\$1ton\$3 near2 period\$5) and ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:47

S233	2	((spatial near1 variation) and (half\$1ton\$3 near2 period\$5) and ((frequency or noise) near1 characteristic)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/15 16:47
S234	284	((Reiner near1 Eschbach) (Gaurav near1 Sharma) (Shen\$1ge near1 Wang)).in.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S235	27971	(xerox).as.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S236	647	(358/3.06).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S237	2	((spatial near1 (variation variant)) and (dispers\$3 and cluster\$3)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S238	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S239	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S240	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S241	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).dm.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40

S242	19	("4196451"   "5023919"   "5073953"   "5119132"   "5166809"   "5185673"   "5287419"   "5357581"   "5485284"   "5642197"   "5726772"   "5803579"   "5809213"   "5946411"   "6008907"   "6031618"   "6069982"   "6088095"). PN. OR ("6525845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 12:40
S243	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S244	17	((("5978107") or ("6035065") or ("5852823") or ("5668890") or ("6185335") or ("5806081") or ("5760913") or ("6141120") or ("5416613") or ("6353675") or ("6525845") or ("6031618") or ("6088095") or ("6285462") or ("5974279") or ("6069973") or ("6008812") or ("6525845"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S245	4	((("6525845") or ("5884296") or ("4194221") or ("5892592"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40

S246	9	((("20040264771") or ("5481380") or ("5642197") or ("5710872") or ("5753906") or ("6031618") or ("6337923") or ("20030184772") or ("6633408")).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:40
S247	28	S243 S245 S246	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S248	4	S247 and (spatial near1 (characteristic variant variance))	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S249	8	("4196451"   "5119132"   "5166809"   "5357581"   "5803579").PN. OR ("6353675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 12:40
S250	150597	(detect\$4 regooni\$6 analy\$5 observ\$5 examin\$5 identifi\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 12:40
S251	259	photo\$1graph\$3 and (litho\$1graph\$3 (offset adj1 print\$3)) and (ink\$1jet) and (xero\$1graph\$3)	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S252	86	S250 and S251	US-PGPUB; USPAT	OR	ON	2008/09/16 12:40
S253	1610831	(dispers\$3 aperiodic\$4 irregular\$5 random\$3)	US-PGPUB; USPAT	OR	ON	2008/09/16 12:41
S254	4142582	(cluster\$3 periodic\$5 order\$3 regular\$3)	US-PGPUB; USPAT	OR	ON	2008/09/16 12:41
S255	1327933	S253 and S254	US-PGPUB; USPAT	OR	ON	2008/09/16 12:41
S256	1214	(358/448).OCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:42
S257	1503	(detect\$4 determin\$6) adj2 ((mark\$3 reproduc\$3 produc\$3 print\$3 mak\$3) adj1 (process method))	US-PGPUB; USPAT	OR	ON	2008/09/16 12:42
S258	4	S256 and S257	US-PGPUB; USPAT	OR	ON	2008/09/16 12:42
S259	650	(358/401).OCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:42
S260	6	S259 and S257	US-PGPUB; USPAT	OR	ON	2008/09/16 12:42

S261	150597	((detect\$4 regconit\$6 analy\$5 observ\$5 examin\$5 identif\$7) with ((form\$3 mark\$4 process\$3 mak\$3 print\$3 reproduc\$5) near2 (process method technique)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 12:44
S262	98	(358/3.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/16 12:44
S263	7	S261 and S262	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/16 12:44
S264	0	((spatial near1 variation) and (local near1 variation) and (half\$1ton\$3 near2 period\$5) and ((frequency or noise) near1 characteristic)).clm.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:44
S265	2	((spatial near1 variation) and (half\$1ton\$3 near2 period\$5) and ((frequency or noise) near1 characteristic)).clm.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:45
S266	2	((photographic adj2 marking) and (inkjet adj2 marking) and (cluster\$3 and dispers\$3)).clm.	US-PGPUB; USPAT	OR	ON	2008/09/16 12:45

9/ 16/ 2008 1:24:19 PM